

AMENDMENTS TO THE CLAIMS:

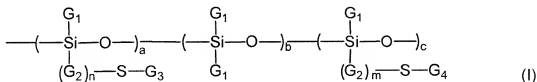
This listing of claims will replace all prior versions and listings of claims in the application:

1-29. (Canceled)

30. (Currently Amended) An aerosol composition comprising, in a cosmetically or dermatologically acceptable medium, at least one grafted silicone polymer having a polysiloxane skeleton grafted with non-silicone organic monomers and at least one aqueous dispersion of insoluble particles of at least one cationic polymer, **wherein the average diameter of the insoluble particles of at least one cationic polymer is less than 500 nm.**

wherein said at least one grafted silicone polymer comprises, on the main silicone chain, at least one organic group of anionic nature obtained by radical (homo) polymerization of at least one anionic unsaturated carboxylic acid monomer, partially or totally neutralized in the form of a salt, and

wherein said at least one grafted silicone polymer is chosen from silicone polymers containing at least one unit of formula (I):



in which:

- G₁ independently represents hydrogen or a C₁-C₁₀ alkyl radical or a phenyl radical;

- G_2 independently represents a C_1 - C_{10} alkylene group;
- G_3 represents a polymer residue from the (homo)polymerization of at least one anionic monomer containing ethylenic unsaturation;
- G_4 represents a polymer residue from the (homo)polymerization of at least one hydrophobic monomer containing ethylenic unsaturation;
- m and n are equal to 0 or 1;
- a is an integer ranging from 0 to 50;
- b is an integer ranging from 10 to 350; and
- c is an integer ranging from 0 to 50; wherein either a or c is not 0, and

wherein the at least one grafted silicone polymer and the at least one aqueous dispersion are present in the aerosol composition in a combined amount effective for fixing a keratin substance.

31. (Canceled)

32. (Previously Presented) The aerosol composition according to claim 30, wherein said at least one grafted silicone polymer comprises a main polysiloxane chain on which is grafted, inside said chain and optionally on at least one of its ends, at least one organic group containing no silicone.

33. (Previously Presented) The aerosol composition according to claim 30, wherein said at least one grafted silicone polymer is obtained by radical copolymerization of:

at least one non-silicone anionic organic monomer having ethylenic unsaturation and/or a non-silicone hydrophobic organic monomer having ethylenic unsaturation, and,

at least one polysiloxane having in its chain at least one functional group capable of reacting with at least one of said ethylenic unsaturations of said non-silicone monomers.

34. (Previously Presented) The aerosol composition according to claim 33, wherein said at least one polysiloxane has more than one functional group in its chain.

35. (Previously Presented) The aerosol composition according to claim 33, wherein said non-silicone anionic organic monomer is chosen from linear and branched unsaturated carboxylic acids.

36. (Previously Presented) The aerosol composition according to claim 35, wherein said non-silicone anionic organic monomer is chosen from acrylic acid, methacrylic acid, maleic acid, maleic anhydride, itaconic acid, fumaric acid, and crotonic acid, and alkali metal, alkaline-earth metal and ammonium salts thereof.

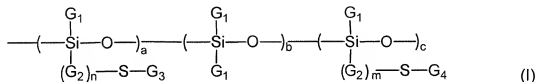
37. (Previously Presented) The aerosol composition according to claim 33, wherein said non-silicone hydrophobic organic monomer is chosen from acrylic acid esters of an alkanol and methacrylic acid esters of an alkanol.

38. (Previously Presented) The aerosol composition according to claim 37, wherein said alkanol is C₁-C₁₈.

39. (Previously Presented) The aerosol composition according to claim 37, wherein said non-silicone hydrophobic organic monomer is chosen from isooctyl (meth)acrylate, isononyl (meth)acrylate, 2-ethylhexyl (meth)acrylate, lauryl (meth)acrylate, isopentyl (meth)acrylate, n-butyl (meth)acrylate, isobutyl (meth)acrylate, methyl (meth)acrylate, tert-butyl (meth)acrylate, tridecyl (meth)acrylate and stearyl (meth)acrylate.

40-41. (Canceled)

42. (Previously Presented) The aerosol composition according to claim 30, wherein said unit of formula (I)



has at least one of the following characteristics:

- G₁ independently denotes a C₁-C₁₀ alkyl radical;
- n is not zero;
- G₂ independently represents a divalent C₁-C₃ radical; and
- G₃ represents a polymeric radical from the (homo)polymerization of at

least one carboxylic acid monomer containing ethylenic unsaturation; and

- G₄ represents a polymeric radical from the (homo)polymerization of at

least one C₁-C₁₀ alkyl (meth)acrylate monomer.

43. (Previously Presented) The aerosol composition according to claim 30, wherein said unit of formula (I) simultaneously has the following characteristics:

- G₁ denotes a methyl radical;
- n is not zero;
- G₂ represents a propylene radical;
- G₃ represents a polymeric radical from the (homo)polymerization of at

least acrylic acid and/or methacrylic acid; and

- G₄ represents a polymeric radical from the (homo)polymerization of at least methyl (meth)acrylate.

44. (Previously Presented) The aerosol composition according to claim 30, wherein said at least one grafted silicone polymer has a number-average molecular mass ranging from 10,000 to 1,000,000.

45. (Previously Presented) The aerosol composition according to claim 44, wherein said at least one grafted silicone polymer has a number-average molecular mass ranging from 10,000 to 100,000.

46. (Previously Presented) The aerosol composition according to claim 30, wherein said at least one grafted silicone polymer is present in an amount ranging from 0.01 to 20% by weight relative to the total weight of said composition.

47. (Previously Presented) The aerosol composition according to claim 46, wherein said at least one grafted silicone polymer is present in an amount ranging from 0.1 to 15% by weight relative to the total weight of said composition.

48. (Previously Presented) The aerosol composition according to claim 47, wherein said at least one grafted silicone polymer is present in an amount ranging from 0.5 to 10% by weight relative to the total weight of said composition.

49. (Previously Presented) The aerosol composition according to claim 30, wherein the polymer of said at least one aqueous dispersion is formed from at least one monomer chosen from styrene, butadiene, ethylene, propylene, vinyltoluene, vinyl propionate, vinyl alcohol, acrylonitrile, chloroprene, vinyl acetate, urethanes, isoprene, isobutene and esters and amides of acrylic, methacrylic, maleic, crotonic and itaconic

acids, vinyl ether, vinylpyrrolidone, vinylimidazole, and trimethylammonioethyl (meth)acrylate.

50. (Previously Presented) The aerosol composition according to claim 30, wherein said at least one cationic polymer is chosen from polyesters, polyamides, polyurethanes and polyethers.

51. (Canceled)

52. (Previously Presented) The aerosol composition according to claim 30, wherein said insoluble polymer particles are present in an amount ranging from 0.1 to 50% relative to the total weight of said composition.

53. (Previously Presented) The aerosol composition according to claim 30, wherein said insoluble polymer particles are present in an amount ranging from 1 to 30% relative to the total weight of said composition.

54. (Previously Presented) The aerosol composition according to claim 30, further comprising at least one additive.

55. (Previously Presented) The aerosol composition according to claim 54, wherein said at least one additive is chosen from thickeners, fatty acid esters, fatty acid esters of glycerol, silicones, surfactants, fragrances, preserving agents, sunscreens, proteins, vitamins, polymers, plant, animal, mineral and synthetic oils and any other additive conventionally used in the cosmetics field.

56. (Previously Presented) The aerosol composition according to claim 30, wherein said cosmetically or dermatologically acceptable medium comprises water or a mixture of water and at least one cosmetically acceptable solvent.

57. (Previously Presented) The aerosol composition according to claim 56, wherein said at least one cosmetically acceptable solvent is chosen from monoalcohols, polyalcohols, glycol ethers, and fatty acid esters.

58. (Previously Presented) The aerosol composition according to claim 31, wherein said keratin substance is human hair.

59. (Previously Presented) The aerosol composition according to claim 30, wherein said composition is in the form of a gel, a milk, a cream, a lotion, or a mousse.

60. (Canceled)

61. (Previously Presented) The aerosol composition according to 30, wherein the composition is a hair fixing composition.

62. (Previously Presented) The aerosol composition according to claim 30, wherein said composition is in the form of a rinse-out or leave-in hair product to be applied before or after shampooing, dyeing, bleaching, permanent-waving or straightening the hair.

63. (Previously Presented) The aerosol composition according to claim 30, wherein said composition is packaged in the form of an aerosol container.

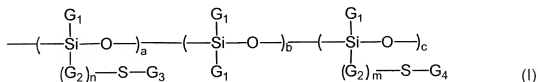
64. (Previously Presented) The aerosol composition according to claim 30, wherein said at least one grafted silicone polymer is dissolved in the cosmetically or dermatologically acceptable medium or is in the form of an aqueous dispersion of insoluble particles.

65. (Currently Amended) A non-therapeutic process for fixing a keratin substance comprising:

applying to said keratin substance a composition comprising, in a cosmetically or dermatologically acceptable medium, at least one grafted silicone polymer having a polysiloxane skeleton grafted with non-silicone organic monomers and at least one aqueous dispersion of insoluble particles of at least one cationic polymer, **wherein the average diameter of the insoluble particles of at least one cationic polymer is less than 500 nm**;

wherein said at least one grafted silicone polymer comprises, on the main silicone chain, at least one organic group of anionic nature obtained by radical (homo) polymerization of at least one anionic unsaturated carboxylic acid monomer, partially or totally neutralized in the form of a salt, and

wherein said at least one grafted silicone polymer is chosen from silicone polymers containing at least one unit of formula (I):



in which:

- G₁ independently represents hydrogen or a C₁-C₁₀ alkyl radical or a phenyl radical;
- G₂ independently represents a C₁-C₁₀ alkylene group;
- G₃ represents a polymer residue from the (homo)polymerization of at least one anionic monomer containing ethylenic unsaturation;

- G_4 represents a polymer residue from the (homo)polymerization of at least one hydrophobic monomer containing ethylenic unsaturation;

- m and n are equal to 0 or 1;

- a is an integer ranging from 0 to 50;

- b is an integer ranging from 10 to 350; and

- c is an integer ranging from 0 to 50; wherein either a or c is not 0, and

wherein the at least one grafted silicone polymer and the at least one aqueous dispersion are present in the aerosol composition in a combined amount effective for fixing a keratin substance.

66. (Original) A non-therapeutic process according to claim 65, wherein said keratin substance is hair.

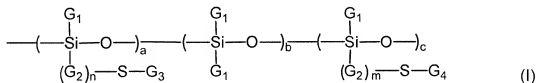
67. (Previously Presented) The aerosol composition according to claim 63, wherein said composition is obtained from said aerosol container in the form of a spray, a lacquer or a mousse.

68. (Currently Amended) An aerosol composition comprising, in a cosmetically or dermatologically acceptable medium, at least one grafted silicone polymer having a polysiloxane skeleton grafted with non-silicone organic monomers and at least one aqueous dispersion of insoluble particles of at least one cationic polymer, **wherein the average diameter of the insoluble particles of at least one polymer is less than 500 nm.**

wherein said at least one grafted silicone polymer comprises, on the main silicone chain, at least one organic group of anionic nature obtained by radical (homo)

polymerization of at least one anionic unsaturated carboxylic acid monomer, partially or totally neutralized in the form of a salt, and

wherein said at least one grafted silicone polymer is chosen from silicone polymers containing at least one unit of formula (I):



in which:

- G_1 independently represents hydrogen or a $\text{C}_1\text{-C}_{10}$ alkyl radical or a phenyl radical;
- G_2 independently represents a $\text{C}_1\text{-C}_{10}$ alkylene group;
- G_3 represents a polymer residue from the (homo)polymerization of at least one anionic monomer containing ethylenic unsaturation;
- G_4 represents a polymer residue from the (homo)polymerization of at least one hydrophobic monomer containing ethylenic unsaturation;
- m and n are equal to 0 or 1;
- a is an integer ranging from 0 to 50;
- b is an integer ranging from 10 to 350; and
- c is an integer ranging from 0 to 50; wherein either a or c is not 0, and

wherein said at least one cationic polymer is chosen from:

copolymers of acrylamide and of trimethylammonioethyl (meth)acrylate; and
copolymers of alkyl methacrylate, of alkyl acrylate and of trimethylammonioethyl

(meth)acrylate; and

wherein the at least one grafted silicone polymer and the at least one aqueous dispersion are present in the aerosol composition in a combined amount effective for fixing a keratin substance.